| - 1 | Index o | of Claims | ; |
|-----|---------|-----------|---|
| | | | |

| Application No. | Applicant(s) | |
|-----------------|---------------------|--|
| 10/628,882 | MILLMANN, CALVIN T. | |
| Examiner | Art Unit | |
| Hae M. Hyeon | 2839 | |

| √ | Rejected | |
|----|----------|--|
| II | Allowed | |

| | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Claim Date | | | L | L | | | | | | | L |
|--|--|----|--|--|--|--------------|--|--------------|--|--|----------|
| Tell | | | | | | | | | | | |
| | Cla | im | L., | | , | [| Date | 2 | | | |
| | | _ | الما | | | | | | | | |
| | nal | Ë | 0 | | | | | | | | |
| | Ξ | ij | 3- | | | | | | | | |
| | | 0 | -9 | | | | | | | | |
| 10 | | | | | | | | | | | |
| 10 | | 12 | | | | | | | | | |
| 10 | | 8 | Г | | | | | | | | |
| 10 | | 4 | | | | | | | | | |
| 10 | | 5 | | | | | | | | | |
| 10 | | 6 | | | | | | | | | |
| 11 | | | \vdash | | | | $\overline{}$ | | | _ | |
| 11 | | å | \vdash | | \vdash | | | | | | |
| 11 | | Į, | - | | \vdash | | | | | | П |
| 11 | | 10 | - | _ | \vdash | _ | \vdash | | | | Н |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 14 | \vdash | _ | \vdash | _ | _ | | ┢ | | Н |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 10 | | _ | | - | | - | - | | H |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 12 | | \vdash | \vdash | \vdash | \vdash | | | - | \vdash |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 16 | - | ├ | \vdash | \vdash | \vdash | | \vdash | - | \vdash |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 1 | - | - | - | \vdash | - | | \vdash | \vdash | Н |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 10 | \vdash | \vdash | - | | | | - | - | \vdash |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 10 | H | \vdash | - | | - | - | \vdash | | H |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 1 | | - | <u> </u> | - | - | _ | \vdash | | Н |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 18 | - | - | _ | _ | | | \vdash | | H |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 19 | _ | _ | _ | _ | _ | | \vdash | <u> </u> | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 20 | , | <u> </u> | | _ | _ | _ | | _ | - |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 21 | Ÿ | <u> </u> | ļ | | | | <u> </u> | _ | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 22 | Ц | <u></u> | | | | | | | Ш |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 23 | Ш | | | | _ | | <u> </u> | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 24 | | <u></u> | _ | | | | L_ | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 25 | \perp | | | | _ | | | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 26 | | | | L | <u> </u> | | L | | Ш |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 27 | Ш | | | | | | | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 28 | | | | | | | | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 29 | П | | | | | | | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 30 | Т | | | | | | | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 31 | П | | | Γ | | | | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 32 | П | | | | | | | | П |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 33 | V | | | | <u> </u> | Г | | | |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 34 | * | | | | $\overline{}$ | | | | П |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 35 | Г | 7 | | \vdash | \vdash | | | | П |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 36 | \vdash | \vdash | _ | \vdash | | | | | П |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 37 | \vdash | \vdash | \vdash | | | \vdash | | | П |
| 39 40 41 41 42 43 44 44 45 45 46 47 48 49 49 | | 38 | | \vdash | | \vdash | Ι | \vdash | | \vdash | \vdash |
| 40 41 41 42 43 44 44 44 45 45 46 47 48 49 49 | <u> </u> | 39 | \vdash | | <u> </u> | _ | \vdash | \vdash | | | |
| 41 42 43 44 44 44 45 45 46 47 48 49 49 | | | \vdash | | \vdash | \vdash | \vdash | \vdash | | \vdash | |
| 42 43 44 45 46 47 48 49 | | 41 | | | \vdash | \vdash | \vdash | \vdash | | - | |
| 43 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | 42 | - | \vdash | \vdash | <u> </u> | \vdash | ├─ | - | \vdash | \vdash |
| 44 | - | 13 | \vdash | | \vdash | | | \vdash | \vdash | \vdash | \vdash |
| 45 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49 | - | | \vdash | ├ | - | | \vdash | \vdash | - | - | \vdash |
| 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49 | <u> </u> | | - | \vdash | | · | | - | - | \vdash | \vdash |
| 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49 | | | <u> </u> | | <u> </u> | | | | <u> </u> | - | _ |
| 48 49 | | 46 | | | - | <u> </u> | ├ | <u> </u> | | | - |
| 49 | | 47 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash |
| | L | 48 | _ | L | <u> </u> | — | <u> </u> | | <u> </u> | \vdash | - |
| 50 | | | \vdash | | <u> </u> | _ | L_ | _ | <u> </u> | <u> </u> | <u> </u> |
| | | 50 | L_ | L | <u> </u> | | l | L_ | | <u>.</u> | L_ |

| Cla | im | | | | | Date | • | | | |
|----------|----------|--------|---|--|----------|----------|----------|---|----------|----------|
| Final | Original | | | | | | | | | |
| | 51 52 | | | | | | | | | |
| | 52 | | | | | | | | | |
| | 53 | | | | | | | | | |
| | 54 | | | | | | | | | |
| | 55 | П | | | | | | - | | |
| - | 56 | | | | | | | | _ | , |
| | 57 | | | | | | _ | _ | | |
| | 58 | | | | | | | _ | | |
| | 59 | \neg | | Н | | | - | | _ | |
| | 60 | - | | | | | | | | |
| | 61 | | _ | - | | | | | | - |
| | 62 | | _ | | | | | | | |
| | 63 | \neg | _ | | \vdash | - | | - | | |
| | 64 | | | _ | Н | | | _ | _ | _ |
| | 65 | | | | H | | | _ | _ | _ |
| | 66 | | | - | Н | - | | | _ | |
| \vdash | 67 | | - | - | \vdash | - | | _ | _ | |
| - | 68 | | | \vdash | \vdash | _ | | | \vdash | _ |
| | 69 | | | | _ | \vdash | | | | _ |
| - | 70 | | | | _ | \vdash | | | \vdash | |
| | 71 | Н | _ | | | | | | | |
| | 72 | | | \vdash | Н | _ | | | _ | _ |
| | 73 | | | _ | <u> </u> | \vdash | _ | | - | |
| | 74 | | _ | | | - | | | - | _ |
| | 75 | | _ | _ | \vdash | _ | | | Ι- | _ |
| | 76 | | _ | _ | \vdash | | | | | |
| | 77 | | | | \vdash | | | | | |
| | 78 | | | _ | | | | | | |
| | 79 | | | | _ | | | | | |
| | 80 | | _ | | \vdash | | | | | |
| | 81 | | | | | | | | | |
| | 82 | | | | Г | | | | | |
| | 83 | | | | Г | | | | | |
| | 84 | | | | | | | | | |
| | 85 | | | | | | | | | Г |
| | 86 | | | | | | | | | |
| | 87 | | | | | | | | | |
| | 88 | | | | | | | | | |
| | 89 | | | | | | | | | |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | | | | | | | | | |
| | 93 | | | | | | | | | |
| | 94 | | | | | | | | | |
| | 95 | | | | | | _ | | | L |
| | 96 | | L | _ | _ | | L | | _ | _ |
| | 97 | | L | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | <u> </u> | | | <u> </u> |
| | 98 | | _ | <u></u> | <u> </u> | <u> </u> | _ | _ | | L |
| <u> </u> | 99 | L., | L | _ | _ | _ | | _ | L | _ |
| | 100 | | | 1 | 1 | l | ı | l | ı | ı |

| | , | _ | | | | | | | , | |
|-------|--------------------------|----------|----------|----------|----------|--------------|--------------|----------|--|----------------|
| Claim | | | | | [| Date | e - | | | |
| Final | Original | | | | | | | | | |
| | 101 | | | | | | | | | |
| | 102 103 | | | | | | | | | |
| | 103 | | | | | | | | | _ |
| | 104 105 | _ | | | _ | | | | | Щ |
| | 105 | L | | | | | | | | Щ |
| | 106 | | | | | | | | - | \dashv |
| - | 107 108 | \vdash | _ | H | | | | | | - |
| | 109 | H | | H | | | | | | \dashv |
| | 110 | \vdash | _ | | \vdash | - | | | | \dashv |
| | 110 111 | | | | | | | | | |
| | 112 | | | П | | | | П | П | \Box |
| | 112 113 | | | | | | | | | |
| | 114 115 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | 116 | | | | | | | | L | |
| | 117 | | | _ | | _ | | | <u> </u> | |
| | 118 119 | | L | | | | | | | \blacksquare |
| | 119 | | _ | _ | _ | _ | ļ | | <u> </u> | \dashv |
| | 120 | _ | | | | <u> </u> | _ | | <u> </u> | \vdash |
| | 121 122 | | | - | | \vdash | _ | _ | \vdash | \vdash |
| | 122 | | | - | _ | | - | - | \vdash | \dashv |
| | 123 124 | \vdash | _ | \vdash | | ⊢ | - | _ | \vdash | \dashv |
| | 125 | H | | \vdash | _ | \vdash | | \vdash | \vdash | |
| | 126 | | | | _ | \vdash | | _ | \vdash | \vdash |
| | 125 126 127 128 | | | | _ | | | | \vdash | |
| | 128 | | | | | | | | | П |
| | 129 | | | | | | | | | |
| | 129 130 | | | | | | | | | |
| | 131 | | | | | | | L | | |
| | 132 | | | | L. | L | L | | _ | Щ |
| | 133 | _ | | _ | ļ | <u> </u> | _ | | | Ш |
| | 134 | _ | _ | - | - | <u> </u> | - | _ | _ | Н |
| | 135 | _ | | - | ┝ | | | _ | - | \vdash |
| | 136 137 | - | — | - | ├ | ├- | - | - | - | \vdash |
| | 138 | - | | | | - | | | | H |
| | 139 | - | | | ├ | - | - | \vdash | | Н |
| | 140 | \vdash | \vdash | \vdash | \vdash | - | ╁ | \vdash | \vdash | Н |
| | 141 | | Г | \vdash | ┢┈ | Г | | \vdash | | H |
| | 142 | | | | Г | | | | | П |
| | 143 | | | | | | | | | |
| | 144 | | | | | | | | | |
| | 145 | | | | | | 匚 | | | |
| | 146 | | | | | | | | | |
| | 147 | | _ | | <u> </u> | L. | <u> </u> | _ | <u> </u> | Ш |
| | 148 | | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш |
| | 149 | _ | _ | _ | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \square |
| | 150 | Ц_ | <u> </u> | L | | | | <u> </u> | L | Ш |